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## (54) VARIANT TYPE PREX GENE OLIGONUCLEOTIDE OF HEPATITIS B VIRUS, POLYPEPTIDE AND METHOD FOR DETECTING THE SAME

(57)Abstract:

PURPOSE: To obtain the subject new oligonucleotide, having a specific base sequence, being a part of preX gene being a variant of hepatitis B virus and useful for examination, etc., for catching and estimating the change of morbid state of liver diseases due to hepatitis B virus.

CONSTITUTION: This new HBV variant type preX gene oligonucleotide has a base sequence expressed by formula I to formula VI and is a part of preX gene which is a variant of hepatitis B virus and used for examination, etc., for catching and estimating the change of morbid state of liver diseases due to HBV as a primer for amplifying preX gene. The oligonucleotide can be obtained by a chemical synthesis according to the conventional method. The HBV variant type preX gene is detected by carrying out the first stage amplification using the oligonucleotide of formula I or II and/or the oligonucleotide of formula V or VI as a primer pair and then carrying out the second stage amplification using the oligonucleotide of formula III or IV.

**AAGCTTTCAG TTCTCCCGA A** I

**TGCACAGCTG AAGCGAAGTC C** II

**TTGCTATTGG CCATCGCC** III

**CCGTGCCGAT CAGTTTCG** IV

**TCCCAAGTGT TTGCTGACGC** V

**AUGATCCAGT TGGCACCACA** VI

## LEGAL STATUS

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